

LMI Mats



Features

- Custom shapes & sizes
- Optional colours & top surfaces
- Fixed with AE-13 aluminium edging
- Moulded company logos available
- Fail-safe operation
- Multiple switching zones available
- Chemical & abrasion resistant
- Parallel plate technology

Tapeswitch LMI mats use two parallel steel plates as a switch sensor. These are separated by insulated “buttons”, which keep the steel plates apart until a person stands on the mat and causes the top plate to make contact with the bottom plate.

The switch sensor is hermetically sealed and moulded in PVC-type material to form the safety mat. A safety mat system comprises a mat sensor and a control unit.

With LMI mats, there is the option to have your company logo or any other design you choose moulded directly into the mat. Custom mat sizes, shapes, surface patterns and colours are also available to meet your specific requirements.

Technical Specification

Colour	On request
Housing material	Moulded PVC-type construction
Dimensions	On request
Depth	Approx. 12mm
Actuation force	<150N (15kg) (80mm test piece)
Response time	45ms
Inactive area	20mm around outer edge
Protection rating	IP67
Weight	Approx.9.5kg/m ²
Operating temperature	-35°C to +50°C
Operating voltage	24V d.c.
Operating current	50mA min, 1A max
Power consumption	6VA

Typical Applications

- Machinery safety
- Interactive
Play zones
Theme parks
Advertising
- Access control
Banks
Intruder alert
Transport doors

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